REMARKS

Claims 34-54 are pending in the present application. In the above amendments, new claims 34-54 have been added, and originally filed claims 1-33 have been cancelled. After entry of the above amendments, only claims 34-54 shall remain for examination. Applicant believes that the present application is now in condition for allowance, which prompt and favorable action is respectfully requested.

Objection to the Abstract

Applicant has shortened the Abstract to comply with the Examiner's request. The objection is believed to have been overcome. Approval is requested.

Rejection of Claims 1-33

Claims 1-33 were rejected under 35 U.S.C. §102(e) as being anticipated by Wan (U.S. Patent No. 6,680,920), or as otherwise unpatentable under 35 U.S.C. §103(a) over Wan in view of Musoll (U.S. Patent No. 6,282,614). This rejection is believed to have been obviated in view of the cancellation herein of the subject claims. Newly presented claims 34-54 are believed to be patentably distinct over the art of record for the following reasons.

New independent claim 34 is directed to power managing a SIM and recites:

> "34. (New) A Subscriber Identity Module (SIM) adapted for and powered by a wireless communication device (WCD), the WCD including a power management routine and a memory, the SIM comprising:
>
> means for storing a first unique identifier;
>
> means for accessing the first unique identifier at an initial power up of the WCD to permit access to the SIM by the WCD and enable the first unique identifier to be stored in the memory of the WCD;
>
> means for receiving a second unique identifier at a subsequent power up of the SIM, the SIM having been powered down under control of a power management routine performed by the WCD;
>
> means for comparing the second unique identifier received from the WCD to the first unique identifier; and
>
> means for enabling access of the SIM by the WCD based on the comparison."

Further new independent claim 38 is directed to wireless communication device for use with a SIM (such as a SIM set forth in new independent claim 34) to provide SIM verification during power management. This claim recites:

> "38. (New) A WCD including a power management routine and a memory and adapted for use with a SIM, the WCD comprising:
>
> means for storing in the memory a first unique identifier generated in response to an initial power up of the WCD permitting access to the SIM by the WCD;
>
> means, responsive to the power management routine, for powering down the SIM;
>
> means responsive to the power management routine for powering up the SIM;
>
> means for transmitting the first unique identifier to the SIM; and
>
> means for detecting access to the SIM in response to the SIM matching the first unique identifier from the WCD to a second unique identifier stored in the SIM."

A further independent new claim 48 is directed to the specific instructions storeable on a computer-readable media for providing SIM verification and power management in accordance with the present invention. This claim recites:

> "48. (New) A computer-readable medium having instructions, including a power management routine, stored thereon for causing a WCD having a memory and adapted for use with a SIM to:
>
> store in the memory a first unique identifier generated in response to an initial power up of the WCD permitting access to the SIM by the WCD;
>
> power down the SIM in response to the power management routine;
>
> power up the SIM in response to the power management routine;
>
> transmitting the first unique identifier to the SIM; and
>
> detecting access to the SIM in response to the SIM matching the first unique identifier from the WCD to a second unique identifier stored in the SIM."

As can be readily seen and understood, each of independent claims 34, 38 and 48 recite additional features of the invention as set forth above. Specifically, in cooperation with one another the claimed SIM and WCD devices, under instruction control, permit SIM power-up/power-down with limited user intervention. This results in more efficient power management of the SIM while also providing a critical level of SIM verification at power up.

Wan, the main reference cited by the Examiner, is directed to time slot allocation in connection with short paging channels to power down a mobile station from full paging mode channel monitoring. Wan has no relation whatsoever to the newly claimed invention. Wan neither teaches nor suggests power management in connection with a SIM. Accordingly, the claims are clearly patentably distinct over Wan.

Further teaching reference by Musoll was relied on by the Examiner as showing the dependent claimed feature of restarting a security authorization process by invalidating an access code cache. Musoll clearly does not overcome the drawbacks of the principal reference and is therefore also patentable distinguishable for the same reasons as those given above in connection with Wan.

CONCLUSION

In light of the amendments contained herein, Applicant submits that the application is in condition for allowance, for which early action is requested.

Please charge any fees or overpayments that may be due with this response to Deposit Account No. 17-0026.

Respectfully submitted,

Dated: 3/2/05

By: _____
George C. Pappas, Reg. No. 35,065
858-651-1306

/BY
KENYON JENCKES
REG. NO. 41,873

QUALCOMM Incorporated
Attn: Patent Department
5775 Morehouse Drive
San Diego, California 92121-1714
Telephone: (858) 658-5787
Facsimile: (858) 658-2502